

the Alembic



Chair's Corner



The meeting in Eau Claire last month was very interesting. Dr. Lomax discussed how paintings are constructed and then proceeded to discuss the techniques used to analyze each of the layers of the painting. There was an interesting example of artwork that had been painted over by someone other than the original artist and how the scientists were able to determine that this was true. There were six people at dinner and twelve people at the seminar.

Chemistry and food are two of my favorite topics and I am always excited when they are combined together. I was reading about cranberries and some of their interesting properties on the ACS web site recently. It is well known that drinking cranberry juice can help treat urinary tract infections and may also prevent them. Compounds in the cranberry juice inhibit bacteria from adhering to the surface of the urinary tract. These compounds are now being investigated to help improve some bioassays for material that has a tendency to absorb onto surfaces in a nonspecific manner. So far,

the results are promising. The next time I take a drink of cranberry juice, I will be thinking of its chemical uses as well as it being a tasty thirst quenching liquid.

This month's meeting is our Banquet and Spouse's Night and will be held in Stevens Point. I hope that you will join me when we honor our award winners. We will be bestowing the following awards: Outstanding High School Senior Chemistry Student – Aaron Brown from Wausau West High School; Outstanding High School Chemistry Teacher – Stephan Schneider from Columbus Catholic High School; Outstanding Contributions to Chemistry – David Lewis from UW-Eau Claire; Outstanding College Senior Chemistry Student – Brady Forsberg from UW-Stevens Point.

Have a good summer and I hope to see you on May 11.

Laura

ACS - CWS Mini-Directory

Chair

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American Chemical Society

Central Wisconsin Section



AMERICAN CHEMICAL SOCIETY - CENTRAL WISCONSIN SECTION
ANNUAL AWARDS BANQUET AND SPOUSES NIGHT

Thursday, May 11, 2006
University Center - Heritage Room
University of Wisconsin - Stevens Point

5:30 - 6:30 Cash Bar
6:30 - 7:15 Dinner
7:15 - 8:00 Awards Presentations

OUTSTANDING CONTRIBUTION TO CHEMISTRY AWARD

OUTSTANDING HIGH SCHOOL TEACHER AWARD

OUTSTANDING COLLEGE CHEMISTRY STUDENT AWARD

OUTSTANDING HIGH SCHOOL CHEMISTRY STUDENT AWARD



Dinner is a buffet (\$15.00; checks payable to ACS-CWS) that includes:

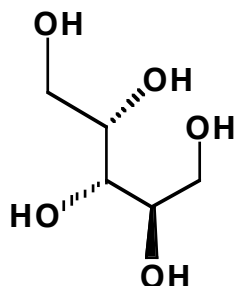
Tossed Salad, fresh fruit salad, herring, roast turkey breast, beef burgundy au noodles, mashed potato au gravy, stuffing, baby carrots, rolls au butter, coffee and dessert.

Dinner reservations should be made by contacting Marv Lang at (715) 346-3609,
or email cmlang@uwsp.edu
before 5 PM on Tuesday, May 9.

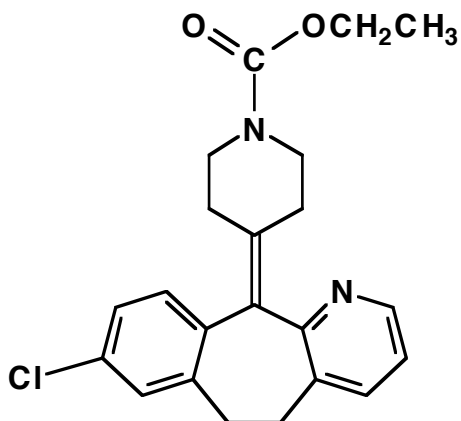
ACS - Central Wisconsin Section 2006 Meeting Schedule

| DATE | LOCATION | SPEAKER | TOPIC | HOST |
|------------|---------------|------------------|---|----------------|
| May 11 | UWSP | | Awards Banquet | Marv, Laura |
| Sept. 20 | Stevens Point | Robert S. H. Liu | The Chemistry of Vision | |
| October 18 | Marshfield | Ramon Barnes | Analytical Plasma Source MS Analysis for Nutrition and Toxicology | |

Molecules of the Month



Xylitol is a sugar alcohol, or alditol. Xylitol metabolism does not require insulin and it does not promote tooth decay; thus, products sweetened with xylitol can be labeled “sugar free”. Xylitol extracted from birch tree pulp is used in candies, chewing gum, and natural-ingredient toothpastes.



Loratadine is a non-sedating antihistamine important during the high pollen days of spring. It is a histamine H₁-receptor antagonist. Loratadine may cause less drowsiness than other antihistamines. It is the active ingredient in products such as Claritin and Alavert.

ACS-CWS Web Page

www.uwsp.edu/chemistry/acscws/

Up-to-date information about section activities including the Alembic and meeting notices. Also visit www.chemistry.org for latest chem news.

37th Central Regional Meeting to Take Place in May

The Central Regional Meeting (CRM) will take place May 17 – 20, 2006, in Frankenmuth, Michigan, during their World Festival of Beer. CRM will open with Jean Michel Cousteau speaking on Ecology and Economics of the Sea and end with a two-day silicon symposium with many exciting programs in between. Visit their website at www.crm2006.org.

37th Great Lakes Regional Meeting Scheduled for Milwaukee

The Great Lakes Regional Meeting (GLRM) takes place in Milwaukee, WI, May 31 – June 2, 2006. Advance registration is still open online or you can download a form at : <http://alchemy.chem.uwm.edu/GLRM06>.

Polyoxometalate Chemistry, Supramolecular Chemistry, and Perspectives and Recent Advances in Organophosphorus Chemistry: A Symposium in Honor of Professor Sheldon Cremer is among the symposia they have planned. Planners have also scheduled tours of the Aldrich Chemical Company’s new headquarters and of the S. C. Johnson Company’s building designed by Frank Lloyd Wright.